Sl. No.	Name of the District	Nos. of Projects sanctioned 2000-01	2001-02
5.	Hyderabad	6	4
6.	Khammam	3	—
7.	Krishna	—	1
8.	Kurnool	4	1
9.	Mahaboob Nagar	1	1
10.	Nalgonda	4	2
11.	Nellore	1	—
12.	Vijayanagaram	—	1
13.	Warangal	1	—
14.	West Godavari	1	1
	TOTAL :	30	13

Hydrogen as a Fuel

5186. SHRI VIJAY J. DARDA:
SHRI LAJPAT RAI:
SHRI RAMACHANDRA KHUNTIA:
SHRI A. VIJAYA RAGHAVAN:

Will the Minister of NON CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether it is a fact that hydrogen has been accepted as a safe, clean and non-polluting fuel the world over;

(b) whether hydrogen is available in abundance in India and has been proposed to be used for transportation, cooking and conversion into electric energy;

(c) if so, whether Government have examined the possibility of its use, particularly for transportation purpose to reduce the consumption of compressed natural gas which is presently the non-polluting alternative fuel;

(d) if so, the details thereof;

(e) whether scientists of BHU have held successful trial of vehicles with hydrogen as fuel; and

(f) if so, the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF NON CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN): (a) Yes, Sir. Hydrogen has the potential of a safe, clean and non-polluting fuel, which can be used for transportation, cooking and conversion into electrical energy.

(b) to (f) Hydrogen is locked in hydrocarbons and water on Earth's surface. Hydrogen can be produced from water and solar energy and other renewable sources of energy. Hydrogen is also produced and used by various chemical industries, including chloralkali units. The Ministry of Non-Conventional Energy Sources (MNES) have taken up a broad based Research Development and Demonstration programme on hydrogen which includes production, storage and utilisation of hydrogen for transportation purposes, and other applications. Banaras Hindu University (BHU), Varanasi, as part of the project funded by MNES, has demonstrated the use of hydrogen as an alternative fuel in two-wheelers. BHU is currently implementing a demonstration project supported by this Ministry, for 50 Nos. of hydrogen-powered motorcycles.

Panipat Power Project

5187. MISS MABEL REBELLO: Will the Minister of POWER be pleased to state:

(a) whether there has been no significant addition of power generation capacity as a number of projects like Panipat Power Project approved in principle are still languishing;

(b) if so, the reasons therefore;

(c) how many such projects are there;